IN THE CLAIMS

Please delete Claims 1 – 6, and add claims 7-20 as follows:

7. A wireless communication system comprising:

2   a remote station for transmitting a reverse link signal comprising a plurality of subchannel signals;

4   a base station for independently adjusting the transmission power of one or more of said plurality of subchannel signals by generating a power control

6   message for adjusting the transmit power of at least one of said plurality of subchannel signals in accordance with a type of data communicated via a

8   corresponding one of said subchannel signals.

8. The communication system as recited in claim 7 further comprising:

2   a comparator for comparing a frame error rate of at least one of said subchannel signals with a frame error rate threshold for said generating said

4   power control message.

9. The communication system as recited in claim 8 wherein frame error rate

2   of each of said subchannels is based on said type of data being communicated via said subchannel.

10. The communication system as recited in claim 7 further comprising:

2   a threshold generator for generating a plurality of quality threshold values, corresponding to said plurality of subchannels, in accordance with a measured

4   frame error rate for each of said subchannel signals.

11. The communication system as recited in claim 7 wherein said power

2   control message includes at least a plurality of bits, wherein each bit represents a

3

command to increase or decrease the transmit power of one of said subchannel

4 signals by a predetermined amount.

12. The communication system as recited in claim 7 wherein said base station

2 generates a plurality of channel gain values, wherein each gain value is applied

to one of said plurality of subchannel signals for said adjusting the transmission

4 power of said subchannel signal.

13. The communication system as recited in claim 7 further comprising:

2 a plurality of decoders, wherein each of said decoders receives a

corresponding subchannel signal and determines frame errors in said

4 subchannel

signal.

14. A method in a wireless communication system comprising:

2 transmitting a reverse link signal from a remote station, wherein said

reverse link signal comprising a plurality of subchannel signals;

4 adjusting, independently, the transmission power of one or more of said

plurality of subchannel signals at a base station by generating a power control

6 message for adjusting the transmit power of at least one of said plurality of

subchannel signals in accordance with a type of data communicated via a

8 corresponding one of said subchannel signals

15. The method as recited in claim 14 further comprising:

2 comparing a frame error rate of at least one of said subchannel signals

with a frame error rate threshold for said generating said power control message.

16. The method as recited in claim 15 wherein frame error rate of each of said

2 subchannels is based on said type of data being communicated via said

subchannel.

17.   The method as recited in claim 14 further comprising:

2   generating a plurality of quality threshold values, corresponding to said plurality of subchannels, in accordance with a measured frame error rate for each

4   of said subchannel signals.

18.   The method as recited in claim 14 wherein said generating includes

2   generating at least a plurality of bits, wherein each bit represents a command to increase or decrease the transmit power of one of said subchannel signals by a

4   predetermined amount.

19.   The method as recited in claim 14 further comprising:

2   generating a plurality of gain values;

applying each gain value to one of said plurality of subchannel signals for

4   adjusting the transmit power of said subchannel signals.

20.   The method as recited in claim 14 further comprising:

2   decoding each of said corresponding subchannel signals and determining frame errors in said subchannel signals.